HW#21H: Rotations

Honors Geometry

Due: Thursday, Oct 8th

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP \_\_\_\_\_

Failure to show work will result in LaSalle.

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| Graph the image of the given transformation. | | | |
| 1. Rotation of 90 degrees counterclockwise about the origin.   C:\Users\kramos\Dropbox\Math Materials - KMR\Images\reflectionsHW1a.PNG | | 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\rotationHW1b.PNGRotation of 180 degrees counterclockwise about the point (-1,-1) | |
| *F =* | *F’ =* | *I =* | *I’ =* |
| 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\rotationHW2.PNGRotation of 90 degrees clockwise about the origin. | | 1. C:\Users\kramos\Dropbox\Math Materials - KMR\Images\rotationHW3.PNGRotation of 180 degrees clockwise about the point (2,1) | |
| *W = Z = Y =* | *W’ = Z ‘= Y ‘=* | *R = V = H = S =* | *R’ = V’ = H’ = S; =* |

FLIP 🡪

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| Perpendicular Lines | |
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